

## SPECIAL PAPERS ON GENERAL METEOROLOGY.

## RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Junior Professor in Charge of Library.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

## [Australia. Commonwealth bureau of meteorology.]

Rainfall map of Australia [and Tasmania] for the year 1912. [Melbourne. 1913.] 1 sheet. 56 $\frac{1}{2}$  x 64 cm.

[Revised average annual and monthly rainfall and temperature maps of Australia and Tasmania.] [Melbourne. 1912.] 8 sheets. 24 x 31 cm.

Average rainfall map and isohyets of Tasmania, Div. no. 6, Section 6. Accompanied by a memorandum. [Melbourne. 1912.] 1 sheet. 32 $\frac{1}{2}$  x 26 $\frac{1}{2}$  cm.

## Batavia. Royal magnetical and meteorological observatory.

Observations made at the royal magnetical and meteorological observatory at Batavia in 1910. Batavia. 1913. xxiv, 93 p. f°.

Observations made at secondary stations in Netherlands East-India, by W. van Bemmelen. Vol. 1. Batavia. 1913. x, 20 p. 3 plates. f°. [Introduction presents a sketch of the development of meteorological observations in Netherlands East-India.]

## Bavaria. Königl. Bayerisches Hydrotechnisches Bureau.

Jahrbuch für das Jahr 1912; Heft I—Niederschlagsbeobachtungen, Heft II—Schneehöhenmessungen. München. [1913.] var. pag. f°.

## Börnstein, Richard.

Leitfaden der Wetterkunde. 3d ed. Braunschweig. 1913. x, 270 p. 26 plates. 8°.

## Brebner, C. W.

South Indian Ocean cyclones of 1911 and 1912. Mauritius. 1912. [x], 20 p. 2 maps. 8°.

## Defant, A.

Das Klima von Innsbruck mit besonderer Rücksicht auf den Föhn. Wien, etc. n. d. p. 405-410. 8°. (Sonderabdruck aus der Deutschen Rundschau für Geographie, 34. Jahrg. 9tes Heft.)

## Fischli, Friedrich.

Aeronautische Meteorologie. Berlin. 1913. 213 p. 8°. (Bibliothek für Luftschiffahrt & Flugtechnik. Band 7.)

## France. Service hydrométrique du bassin de la Seine.

Observations sur les cours d'eau et la pluie, 1911/12. [Paris. 1912.] 7 sheets. f°.

Résumé des observations centralisées pendant 1911/12. [Paris. 1912.] 21 p. f°.

## Greifswald. Meteorologische Station.

Die Ablesungen der meteorologischen Station Greifswald, 1912. Greifswald. 1913. [ii], 50 p. 8°.

## Hann, Julius von.

Die gleichzeitigen interdiurnen Luftdruck- und Temperaturänderungen auf dem Sonnblickgipfel (3105 m) und zu Salzburg (430 m) mit Bemerkungen über die unperiodischen Luftdruckschwankungen. Wien. 1913. 92 p. 8°. (Aus den Sitzungsberichten der kaiserl. Akademie der Wissenschaften in Wien, Math.-naturw. Kl., Bd. 122, Abt. IIa, Jänner, p. 45-136.)

## Hess, Clemens.

Über die Entstehung der Trombe von Schönenbaumgarten am 19. Juli 1912. Frauenfeld. 1913. [ii], 33 p. 4°. (Beilage zum Programm der Thurg. Kantonsschule für das Schuljahr 1912-13.)

Die Entstehung der Tromben aus Luftwogen. [Frauenfeld. 1913.] 23 p. 8°. (Sonderabdruck aus dem 20. Heft "Mitteilungen der thurg. naturf. Gesellschaft.")

## [Japan. Hydrographic office.]

[Meteorological charts of the adjacent seas of Japan.] [Tokyo. 1913.] 15 charts. 64 x 102 cm. ("The present volume may be regarded as the revised edition of 'Pilot chart of the adjacent seas of Japan,' Tokyo, 1905.")

## Livingston, Edward Burton.

Climatic areas of the United States as related to plant growth. (Botanical contributions from the Johns Hopkins university, no. 32.) n. p. [1913.] p. 257-275. plates 9-11. 8°. (Reprinted from Proc. amer. phil. soc., v. 52, no. 209, April, 1913.)

## [Meyermann, Benno.]

Resultate der meteorologischen Beobachtungen in Tsingtau aus den Jahren 1898 bis 1908. [Tsingtau. 1912.] 2 p. l., 40 p. 12 fig. 8°.

## Mysore. Meteorological department.

Meteorology in Mysore for 1911. Bangalore. 1913. 2 p. l., xiv, 56 p. f°.

## Prague. Kaiserliche königliche Sternwarte.

Magnetische und meteorologische Beobachtungen, 1912. Jahrgang 73. Prag. 1913. iv, 47 p. f°.

## Prussia. Königliches preussisches meteorologisches Institut.

Ergebnisse der Niederschlags-Beobachtungen im Jahre 1911. Berlin. 1913. xxviii, 154 p. illus. f°. (Veröffentlichungen, No. 259.)

## Ricchieri, Giuseppe.

La Libia. Milano. [1913.] 144 p. 16°. [The climate is described on p. 84-98.]

## Smithsonian institution.

Advisory committee on the Langley aerodynamical laboratory. Washington. 1913. [iii], 5 p. 8°. (Smithson. misc. coll., v. 62, no. 1. Publication no. 2227.)

## Smithsonian Institution. Astrophysical observatory.

Annals, v. 3. Washington. 1913. xi, 241 p. f°.

## Southport. Fernley observatory.

Report and results of observations, 1912. Southport. 1913. iii, 32 p. 8°. [Describes and figures the new "Fernley" recording rainage.]

## Sweden. Hydrografiska byrån.

Årsbok 3, år 1911. Stockholm. 1913. xi, 279 p. illus. f°.

## RECENT PAPERS BEARING ON METEOROLOGY.

C. FITZHUGH TALMAN, Junior Professor in Charge of Library.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

## Cairo scientific journal. Alexandria. v. 7. 1913.

Craig, J. I. The effect of the Mediterranean Sea on the temperature in Egypt. p. 103-110. (May.)

Curry, P. A. Sunshine in the summer of 1912. p. 111-115. (May.) [Effects of the haze of 1912.]

Keeling, B. F. E. The normal barometer at Helwan. p. 121-128. (June.)

Bliss, E. W. Thunderstorm statistics of Egypt. p. 130-132. (June.)

## Franklin institute. Journal. Philadelphia. v. 176. August, 1913.

Humphreys, W[illiam] J[ackson]. Volcanic dust and other factors in the production of climatic changes, and their possible relation to ice ages. p. 131-172.

## International institute of agriculture. Bureau of economic and social intelligence. Monthly bulletin. Rome. 4th year. June, 1913.

Rohrbeck, W. German local hail insurance associations. p. 55-83.

## Royal meteorological society. Quarterly journal. London. v. 59. July, 1913.

Lempert, R. G. K. British weather forecasts past and present. p. 175-184.

Dines, W[illiam] H[enry]. The vertical distribution of temperature in the atmosphere, and the work required to alter it. p. 185-192.

Corless, R., Dobson, G., & Chree, Charles. Meteorological, electrical, and magnetic observations during the solar eclipse of April 17, 1912. p. 221-236.